

Form PTO-1449
(REV. 8-83)U.S. DEPT. OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No.

FSL 96-1 CIP

SERIAL NO.

10/1029360

APPLICANTS: Robert J. Kodrzycki, Michael R. Becwar,
Marie B. Connett-Porceddu, and Sarah G. Schwuchow

FILING DATE

12/20/01

GROUP

1638

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cc	4 6 7 2 0 3 5	06/87	Davidonis et al.			
	4 6 9 3 9 7 6	09/87	Schilperoort et al.			
	4 8 8 6 9 3 7	12/89	Sederoff et al.			
	4 9 4 5 0 5 0	07/90	Sanford et al.			
	5 1 2 2 4 6 6	06/92	Stomp et al.			
	5 4 1 3 9 3 0	05/95	Becwar et al.			
	5 4 9 1 0 9 0	02/96	Handley, III et al.			
	5 5 0 6 1 3 6	04/96	Becwar et al.			
	5 5 6 5 3 5 5	10/96	Smith			
	5 6 7 7 1 8 5	10/97	Handley, III			
	5 6 8 1 7 3 0	10/97	Ellis			
	5 7 3 1 1 9 1	03/98	Rutter et al.			
	5 7 3 1 2 0 3	03/98	Handley, III			
	5 7 3 1 2 0 4	03/98	Rutter et al.			
✓	5 7 7 3 6 8 9	06/98	Thompson et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
cc 9 7 0 1 6 4 1	01/97	WO			
99/ 3 7 4 8	02/00	South Africa			
3 3 6 1 4 9	02/01	New Zealand			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

cc	Becwar, M. R., and G. S. Pullman. 1995. Somatic embryogenesis in loblolly pine (<i>Pinus taeda</i> L.). In: Somatic embryogenesis in woody plants, Vol. 3. Edited by S. Jain, P. Gupta, and R. Newton. Kluwer Academic Publishers, The Netherlands. pp. 287-301.
	Campbell, M. A., C. S. Kinlaw, and D. B. Neale. 1992. Expression of luciferase and β -glucuronidase in <i>Pinus radiata</i> suspension cells using electroporation and particle bombardment. Canadian Journal of Forest Research 22:2014-2018.
	Charest, P. J., N. Caléro, D. Lachance, R. S. S. Datla, L. C. Duchêsne, and E. W. T. Tsang. 1993. Microprojectile-DNA delivery in conifer species: factors affecting assessment of transient gene expression using the β -glucuronidase reporter gene. Plant Cell Reports 12:189-193.
	Clapham, D., G. Manders, H. S. Yibrah and S. von Arnold. 1995. Enhancement of short- and medium-term expression of transgenes in embryogenic suspensions of <i>Picea abies</i> (L.) Karst. Journal of Experimental Botany 46:655-662.
	Hakman, I. and L. C. Fowke. 1987. Somatic embryogenesis in <i>Picea glauca</i> (white spruce) and <i>Picea mariana</i> (black spruce). Canadian Journal of Botany 65:656-659.

EXAMINER

Cynthia [Signature]

DATE CONSIDERED

11/14/03

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10/029360

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANTS Robert J. Kodrzycki, Michael R. Becwar, Marie B. Connett-Porceddu, and Sarah G. Schwuchow			
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							YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
<div style="font-size: 2em; margin: 0;">cc</div>	Hakman, I. and S. von Arnold. 1988. Somatic embryogenesis and plant regeneration from suspension cultures of <i>Picea glauca</i> (White spruce). <i>Physiologia Plantarum</i> 72:579-587.
<div style="font-size: 2em; margin: 0;"> </div>	Loopstra, C. A., R. R. Sederoff. 1990. Gene Expression in Xylem of Loblolly Pine. Meeting of the International Union of Forestry Research Organizations Molecular Genetics Working Party S2.04.06. Institute of Forest Genetics.
<div style="font-size: 2em; margin: 0;"> </div>	Robertson, D., A. K. Weissinger, R. Ackley, S. Glover and R. R. Sederoff. 1992. Genetic transformation of Norway spruce (<i>Picea abies</i> (L.) Karst) using somatic embryo explants by microprojectile bombardment. <i>Plant Molecular Biology</i> 19:925-935.
<div style="font-size: 2em; margin: 0;"> </div>	Tsang E. W. T., P. J. Charest, and R. R. Sederoff. 1995. Genetic Transformation in Conifers. In: Recent Progress in Forest Biotechnology in Canada. (P. J. Charest and L. C. Duchesne, eds.) Petawawa National Forestry Institute. Information Report PI-X-120. pp 16-28.
<div style="font-size: 2em; margin: 0;"> </div>	von Arnold, S. and T. Eriksson. 1981. <i>In vitro</i> studies of adventitious shoot formation in <i>Pinus contorta</i> . Canadian Journal of Botany 59:870-874.
<div style="font-size: 2em; margin: 0;"> </div>	von Arnold, S. and I. Hakman. 1988. Regulation of somatic embryo development in <i>Picea abies</i> by abscisic acid (ABA). <i>Journal of Plant Physiology</i> 132:164-169.
<div style="font-size: 2em; margin: 0;"> </div>	Walter, C., D. R. Smith, M. B. Connett, L. Grace and D. W. R. White. 1994. A Biolistic approach for the transfer and expression of a <i>gusA</i> reporter gene in embryogenic cultures of <i>Pinus radiata</i> . <i>Plant Cell Reports</i> 14: 69-74.
<div style="font-size: 2em; margin: 0;">✓</div>	Webb, D. T., F. Webster, B. S. Flinn, D. R. Roberts, and D. D. Ellis. 1989. Factors influencing the induction of embryogenic and caulogenic callus from embryos of <i>Picea glauca</i> and <i>P. engelmannii</i> . <i>Canadian Journal of Forest Research</i> 19:1303-1308.

EXAMINER <div style="font-family: cursive; font-size: 1.5em; margin-top: 10px;">Cynthia Collins</div>	DATE CONSIDERED <div style="font-size: 1.5em; margin-top: 10px;">11/14/03</div>
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		FILING DATE 12/20/01	GROUP 1638

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

cc		U.S. Patent Application No. 09/318,136, entitled "Particle-Mediated Conifer Transformation," Kodrzycki et al., filed 12/21/01 as a CPA of parent filed 5/25/99. (now allowed).
EXAMINER	DATE CONSIDERED	
Lythia Collins	11/14/03	

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